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PATENT

Attorney Docket No. P03815US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rothschild, et al. Group Art Unit: 1634
SERIAL NO: 09/380,419 Examiner: Einsmann, J.
FILED: July 24, 2000 Confirmation No: 2593
TITLE: MELANOCORTIN-4 RECEPTOR GENE AND USE AS A GENETIC
MARKER FOR FAT CONTENT, WEIGHT GAIN, AND/OR FEED
CONSUMPTION OF ANIMALS

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
BEFORE MAILING DATE OF EITHER A FINAL ACTION
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(c))

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This information disclosure statement is being filed *before* the mailing date of either a final action under § 1.113 or a notice of allowance under § 1.311, whichever occurs first.

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement.

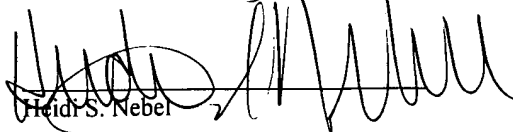
Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

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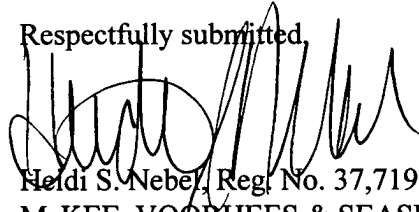
I hereby certify that the above correspondence was mailed to the Assistant Commissioner for Patents, Washington, D.C. 20231, as First Class mail, postage prepaid, this 5 day of August, 2002.


Heidi S. Nebel

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The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/380,419
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	July 24, 2000
		First Named Inventor	ROTHSCHILD, Max F.
		Art Unit	1634
		Examiner Name	Einsmann, J.
		Attorney Docket Number	P03815US1
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		WO 00/06777	02/10/2000	Rothschild		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		Kim K., et al., "A missense variant of the porcine melanocortin-4 receptor (MC4R) gene is associated with fatness, growth and feed intake traits", <u>Mammalian Genome</u> , Vol. 11, No. 2, (2000-02), pages 131-135 XP002944421	
		Nezer C. et al., "An imprinted QLT with major effect on muscle mass and fat deposition maps to the IGF2 locus in pigs", <u>Nature Genetics</u> , Vol. 21, No. 2 (1999-02) pages 155-156 XP002204960	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³

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